

An EST-defined Probe for Cancer Progression
Inv. McKinnon, R.D.
Docket: 268/260-RWJ-00-37

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Figure 1.

Partial nucleotide sequence of the region of human chromosome 10 encoding GliTEN (SEQ ID NO: 1). Shown are regions of the human locus identified by homology to a rodent glioblast-derived EST (clone 24.53, 87% identical to underlined sequence (SEQ ID NO: 2)) and the flanking human sequences encoding an open reading frame (capitalized letters) (SEQ ID NO: 3). Double underline: stop codon predicted to lie within intervening (intron) sequences.

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53581 agtaggggcc cgggcggagg cggtgtggcggg ATGGGGCTGC TGCTCATGAT CCTGGCGTCG
53641 GCCGTGCTGG GTTCCCTCCT CACGCTCCTC GCCCAGTTCT TCCTGCTGTA CCGCAGACAG
53701 CCCGAGCCGC CGCGGGACGA GGCGCGCCCG GCGGGCGAGG GCTTCCGCTA CATCAAGCCA
53761 GTGCCGGGCC TGCTCCTAAG GGAGTACCTT TATGGCGCG GCGGGGATGAA GGAGCCCTCC
53821 GGAGCGGCCCG CTGAGGGCGG CGCGACCCCC ACCGCGGCCCG CCGAGACCCCC CGCCCCGCCG
53881 ACGCGGGAGA CTTGCTACTT CCTCAACGCC ACCATCCTAT TCCTGTTCCG GGAGTTGCGG
53941 GACACCGCGC TGACCCGCCG CTGGGTCACC AAGAAGATCA AGTGGAGTT CGAGGAGCTG
54001 CTGCAGACCA AGACGGCCGG GCGCCTGCTG GAGGGGCTGA GCCTGCAGGGAA CGTGTTCCTG
54061 GGGCAGACGG TGCCCTTCAT CAAAGACCATC CGGCTCGTGC GGGCAGTCGT GGCCTCGGCC
54121 ACCGGGGAGC CCGATGGCCC TGAAGGGGAG GCGCTGCCCG CGCCCTGCCCG CGAGGAGCTG
54181 GCCTTCGAGG CGGAGGTGGA GTACAACGGG GGCTTCACC TGCCCATCGA CGTGGACCTG
54241 GTCTTCGGCA AGTCCGCCTA CTTGTTTGTC AAGCTGTCCC GCGTGGTGGG AAGGCTGCGC
54301 TTGGTCTTTA CGCGCGTGCCT CTTCAACCCAC TGGTTCTTCT CCTTCGTGGA AGACCCGCTG
54361 ATCGACTTCG AGGTGCGCTC CCAGTTGAA GGGCGGGCCA TGCCCCAGCT CACCTCCATC
54421 ATCGTCAACC AGCTCAAGAA GATCATCAAG CGCAAGCACA CCCTACCGAA TTACAAGATC
54481 AGGtqagctg gaggtcgaaaa agggggcctg gctgccccca accccgggcct gggcgggacg

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Figure 2. Northern blot analysis of RNA transcripts in adult rat tissues.

